

Hopewell Furnace National Historic Site, Vegetation Classification Sampling Points Used in 2002 to Develop the Alliance-level Vegetation Map Metadata

Identification_Information:

Citation:

Citation_Information:

Originator: Greg Podniesinski, Pennsylvania Science Office of the Nature Conservancy

Publication_Date: 20041129

Title: Vegetation classification sampling points used in 2002 to develop the alliance-level vegetation map of Hopewell Furnace National Historic Site

Geospatial_Data_Presentation_Form: vector digital data

Online_Linkage: <http://biology.usgs.gov/npsveg/hofu/fielddata.html>

Description:

Abstract: This shapefile contains vegetation classification sampling points used to develop the alliance-level vegetation map of Hopewell Furnace National Historic Park. The map was developed by the Pennsylvania Science Office of The Nature Conservancy for the National Park Service.

Purpose: The shapefile shows point locations for vegetation classification sampling points. Locations were determined using a Trimble pocket pathfinder unit with real-time data correction (from a Trimble "Beacon-on-the-Belt" unit). Points represent the approximate center of vegetation classification sampling plots

Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 20030930

Currentness_Reference: ground condition

Status:

Progress: Complete

Maintenance_and_Update_Frequency: None planned

Spatial_Domain:

Description_of_Geographic_Extent: Hopewell Furnace National Historic Site and environs

Bounding_Coordinates:

West_Bounding_Coordinate: -75.777218

East_Bounding_Coordinate: -75.757431

North_Bounding_Coordinate: 40.216074

South_Bounding_Coordinate: 40.193936

Keywords:

Theme:

Theme_Keyword_Thesaurus: None

Theme_Keyword: Vegetation Map

Theme_Keyword: Alliance level

Theme_Keyword: Vegetation classification sampling points

Place:

Place_Keyword_Thesaurus: None

Place_Keyword: Hopewell Furnace National Historic Site

Temporal:

Temporal_Keyword_Thesaurus: None

Temporal_Keyword: 2004

Access_Constraints: None

Use_Constraints: None

Point_of_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Greg Podniesinski

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Hopewell Furnace National Historic Site

Contact_Organization: Pennsylvania Science Office of the Nature Conservancy
Contact_Position: Ecologist
Contact_Address:
Address_Type: mailing address
Address: 208 Airport Road
City: Middletown
State_or_Province: Pennsylvania
Postal_Code: 17057
Country: United States
Contact_Voice_Telephone: 717-948-3842
Contact_Electronic_Mail_Address: c-gpodnies@state.pa.us
Native_Data_Set_Environment: Microsoft Windows 2000 Version 5.1 (Build 2600) Service Pack 1; ESRI ArcCatalog 8.3.0.800
Cross_Reference:
Citation_Information:
Originator: Greg Podniesinski, Pennsylvania Science Office of the Nature Conservancy
Originator: Stephanie Perles, Pennsylvania Science Office of the Nature Conservancy
Originator: Lesley Sneddon, NatureServe
Originator: Bill Millinor, North Carolina State University Center for Earth Observation
Publication_Date: 200412
Title: Vegetation classification and mapping of Hopewell National Historic Site
Geospatial_Data_Presentation_Form: report
Publication_Information:
Publication_Place: Middletown, Pennsylvania
Publisher: Pennsylvania Science Office of the Nature Conservancy

Data_Quality_Information:
Attribute_Accuracy:
Attribute_Accuracy_Report: Attribute values have been reviewed and are correct.
Logical_Consistency_Report: ESRI point geometry
Completeness_Report: All points are included.
Positional_Accuracy:
Horizontal_Positional_Accuracy:
Horizontal_Positional_Accuracy_Report: Mean horizontal accuracy of vegetation classification sampling points was 4.1 m +/- 0.94m STD (based on mean of estimated positional error values from real-time differentially corrected Garmin III Plus receiver data)
Lineage:
Source_Information:
Source_Citation:
Citation_Information:
Originator: Kucera International
Publication_Date: 200204
Title: Spring 2002 False Color Infrared aerial photography, 1:6000 scale
Geospatial_Data_Presentation_Form: aerial photography
Type_of_Source_Media: hard-copy photographs
Source_Time_Period_of_Content:
Time_Period_Information:
Single_Date/Time:
Calendar_Date: 200204
Source_Currentness_Reference: publication date
Source_Citation_Abbreviation: photos
Source_Contribution: Aerial view of Hopewell Furnace NHS
Process_Step:
Process_Description: Locations were determined using a Trimble pocket pathfinder unit with real-time data correction (from a Trimble "Beacon-on-the-Belt unit). Points represent the approximate center of vegetation classification sampling plots

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Process_Date: 2002

Process_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: Pennsylvania Science Office of The Nature Conservancy

Contact_Address:

Address_Type: mailing address

Address: 208 Airport Road

City: Middletown

State_or_Province: Pennsylvania

Postal_Code: 17057

Country: USA

Contact_Voice_Telephone: 717-948-3842

Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: Vector

Point_and_Vector_Object_Information:

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: Entity point

Point_and_Vector_Object_Count: 35

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Planar:

Grid_Coordinate_System:

Grid_Coordinate_System_Name: Universal Transverse Mercator

Universal_Transverse_Mercator:

UTM_Zone_Number: 18

Transverse_Mercator:

Scale_Factor_at_Central_Meridian: 0.999600

Longitude_of_Central_Meridian: -75.000000

Latitude_of_Projection_Origin: 0.000000

False_Easting: 500000.000000

False_Northing: 0.000000

Planar_Coordinate_Information:

Planar_Coordinate_Encoding_Method: coordinate pair

Coordinate_Representation:

Abscissa_Resolution: 0.000004

Ordinate_Resolution: 0.000004

Planar_Distance_Units: meters

Geodetic_Model:

Horizontal_Datum_Name: North American Datum of 1983

Ellipsoid_Name: Geodetic Reference System 80

Semi-major_Axis: 6378137.000000

Denominator_of_Flattening_Ratio: 298.257222

Entity_and_Attribute_Information:

Detailed_Description:

Entity_Type:

Entity_Type_Label: HOFU_Veg_Plots_2002

Entity_Type_Definition: Alliance Level vegetation map for Hopewell Furnace National Historic Site

Entity_Type_Definition_Source: PSO-TNC

Attribute:

Attribute_Label: FID

Attribute_Definition: Internal feature number.

Attribute_Definition_Source: ESRI

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Attribute_Domain_Values:

Unrepresentable_Domain: Sequential unique whole numbers that are automatically generated.

Attribute:

Attribute_Label: Shape

Attribute_Definition: Feature geometry.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain: Coordinates defining the features.

Attribute:

Attribute_Label: PLOT_CODE

Attribute_Definition: Labels for vegetation classification sampling points, numbered sequentially from 1 through 35, all with the prefix "HOFU."

Attribute_Definition_Source: PSO-TNC

Attribute_Domain_Values:

Unrepresentable_Domain: Each value is unique - an example is "HOFU.1"

Distribution_Information:

Distributor:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: USGS Center for Biological Informatics

Contact_Position: USGS-NPS Vegetation Mapping Program Coordinator

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Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Format_Name: HTML

Digital_Transfer_Option:

Online_Option:

Computer_Contact_Information:

Network_Address:

Network_Resource_Name: <http://biology.usgs.gov/npsveg/hofu/fielddata.html>

Access_Instructions: Internet Access

Fees: None

Metadata_Reference_Information:

Metadata_Date: 20050218

Metadata_Review_Date: 20060831

Metadata_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization: USGS-NPS Vegetation Mapping Program Coordinator

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Metadata_Standard_Name: FGDC-STD-001.1-1999 Content Standard for Digital Geospatial Metadata, 1998 Part 1: Biological Data Profile, 1999

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Extensions:

Online_Linkage: <http://biology.usgs.gov/fgdc.bio/bionwext.txt>

Profile_Name: Biological Data Profile FGDC-STD-001.1-1999